<u>Amendments to the Claims</u>:

     1.   (Currently Amended) A method of generating a ring back tone at a first terminal <u>in communication with a second terminal, wherein the first terminal</u> communicat<u>es</u> ~~ing~~ over a <u>first network implemented over</u> voice over internet protocol (VOIP) ~~network~~<u>, and wherein the second terminal communicates over a second network connected to the first network</u>, the method comprising:

     ~~receiving a call setup request from a second terminal;~~

     identifying <u>a</u> type of <u>a</u> <u>the second</u> network ~~to which~~ <u>over which</u> the second terminal <u>communicates to determine whether the second network expects to receive a ring back tone,</u> ~~belongs~~<u>in response to an attempt by the second terminal to establish a connection between the first terminal and the second terminal over both the first and second networks</u>;

     <u>if the type of the second network over which the second terminal communicates is a PSTN,</u> generating ring back tone data <u>at the first terminal</u> ~~without any help from~~ <u>independent of any functions available at</u> a public switched telephone network (PSTN) switchboard or an access gateway <u>for generating the ring back tone</u>, ~~if the type of the network is a PSTN~~;

     storing the generated ring back tone data in a buffer <u>of the first terminal; and</u>

     inserting the ring back tone data into a response message<u> forwarded from the first terminal to the second terminal</u> after reading out the ring back tone data from the buffer; ~~and~~

     ~~transmitting the response message to the second terminal in response to the call setup;~~

     wherein the ring back tone <u>data</u> is inserted into the response message according to a first-in first-out method,

     wherein the ~~VOIP~~ <u>first network</u> and the ~~PSTN~~ <u>second</u> network~~s~~ are connected by way of a trunk gateway,

     wherein the response message is transmitted to the second terminal through a port ~~informed~~ <u>allocated for enabling communication between the first terminal and the second terminal</u> by the trunk gateway during ~~the~~ <u>a</u> call setup <u>process initiated by the second terminal</u>,

     wherein the second terminal receives the response message and <u>locally</u> generates a ring back tone by using the ring back tone data included in the response message,

     ~~wherein~~ <u>such that</u> the second terminal generates the ring back tone ~~by itself~~<u>by way of replaying the ring back tone data in the response message forwarded from the first terminal</u>, if

~~the network is not a PSTN network~~without relying on functionalities within the first network or the second network to generate the ring back tone.

2.   (Original)   The method of claim 1, wherein the response message comprises at least one data packet communicated based on real-time transport protocol.

3.   (Canceled)

4.   (Currently Amended) The method of claim 1, wherein the type of the <u>second</u> network is identified based on a specific message transmitted from the <u>second</u> network.

5.   (Currently Amended) The method of claim 1, wherein the type of the <u>second</u> network is identified based on a number of the second terminal.

6.   (Currently Amended) The method of claim 5, wherein the type of the <u>second</u> network is identified based on a prefix included in the number of the second terminal.

7.   (Currently Amended) The method of claim 4, wherein the specific message ~~informs~~ <u>indicates</u> that the <u>second</u> network has no <u>independent</u> function for generating the ring back tone data.

8.   (Cancel)

9.   (Previously presented)   A first terminal configured for communicating <u>with a second terminal, wherein the first terminal communicates</u> over a voice over internet protocol (VOIP) <u>network, and the second terminal communicates over a non-VOIP network</u>, the first terminal comprising:
a decision section for deciding whether to generate ring back tone data according to a type of a network to which a second terminal transmitting a call setup request belongs;

a signal processor for generating the ring back tone data independent of a public switched telephone network PSTN switchboard or an access gateway if the type of network is a PSTN-;

a memory for storing the ring back tone data, and

a controlling section for inserting the ring back tone data into a response message and transmitting the response message to the second terminal in response to the call setup request;

wherein the VOIP and the PSTN networks are connected by way of a trunk gateway,

wherein the signal processor reads the stored ring back tone data according to a first-in first-out method so as to insert the ring back tone data in the response message forwarded from the first terminal to the second terminal;

wherein the response message is transmitted to the second terminal through a port ~~informed~~ allocated for enabling communication between the first terminal and the second terminal by the trunk gateway during the call setup,

wherein the second terminal receives the response message and locally generates a ring back tone by using the ring back tone data included into the response message,

~~wherein~~ such that the second terminal generates the ring back tone by way of replaying the ring back tone data in the response message forwarded from the first terminal~~itself, if the network is not a PSTN network,~~

~~wherein the signal processor reads the stored ring back tone data according to a first-in first-out method so as to insert the ring back tone data in the response message~~.

10.   (Original)   The first terminal of claim 9, wherein the response message comprises at least one data packet based on real-time transport protocol.

11-12 (Canceled)

13.   (Original)   The terminal of claim 9, wherein the type of the network is identified based on a specific message transmitted from the network.

14.   (Original)   The terminal of claim 9, wherein the type of the network is identified based on a number of the second terminal.

15. (Original)   The terminal of claim 14, wherein the type of the network is identified based on a prefix among the number of the second terminal.

16. (Original)   The terminal of claim 13, wherein the specific message informs that the network has no function of generating the ring back tone data.

17-21 (Canceled)